Quantitation Report (Qedit)

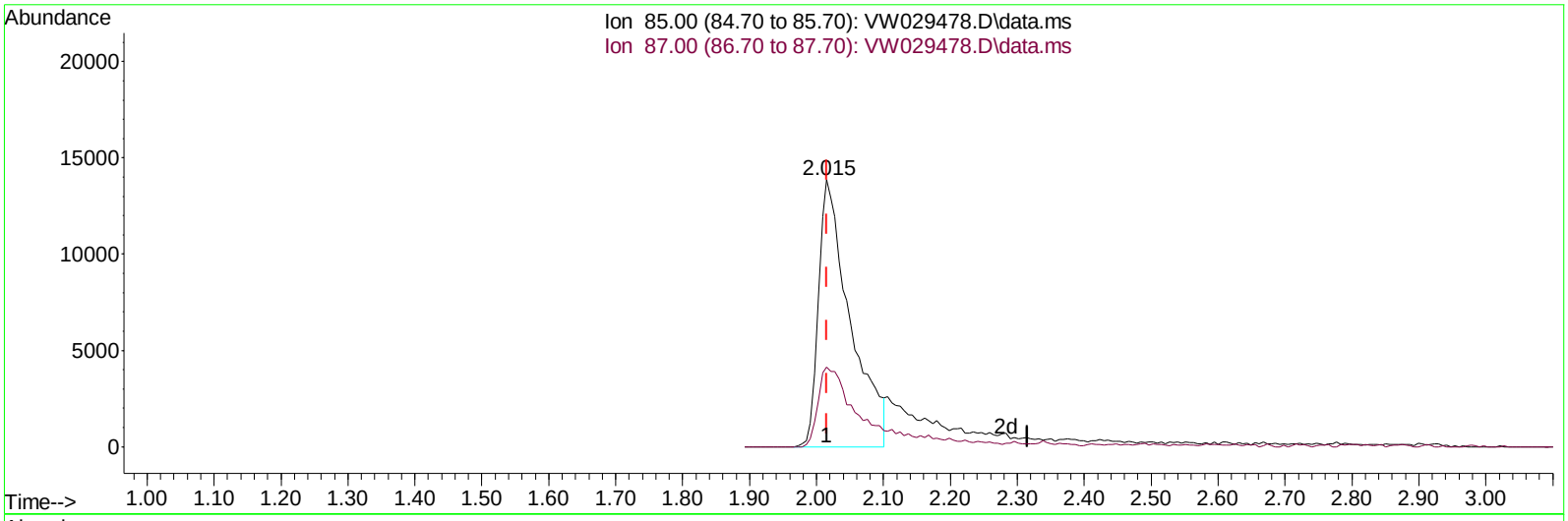
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
Data File : VW029478.D
Acq On : 08 Jul 2024 16:24
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

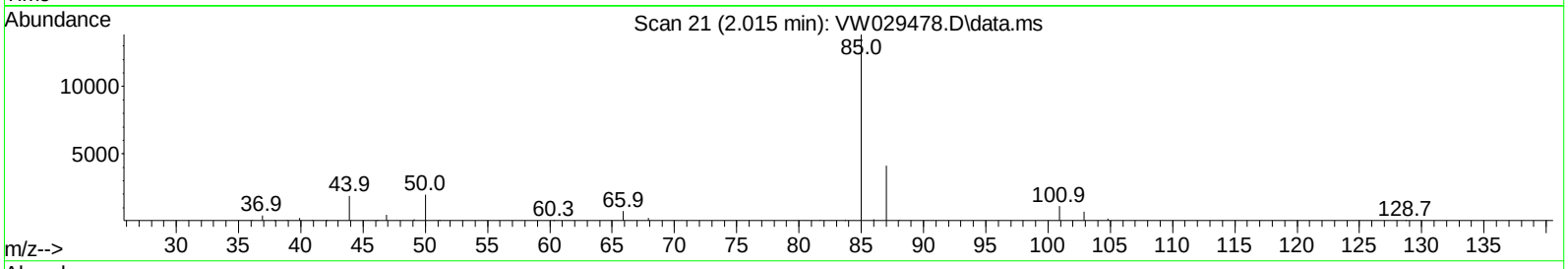
Quant Time: Jul 09 02:27:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 09 02:23:46 2024
Response via : Initial Calibration

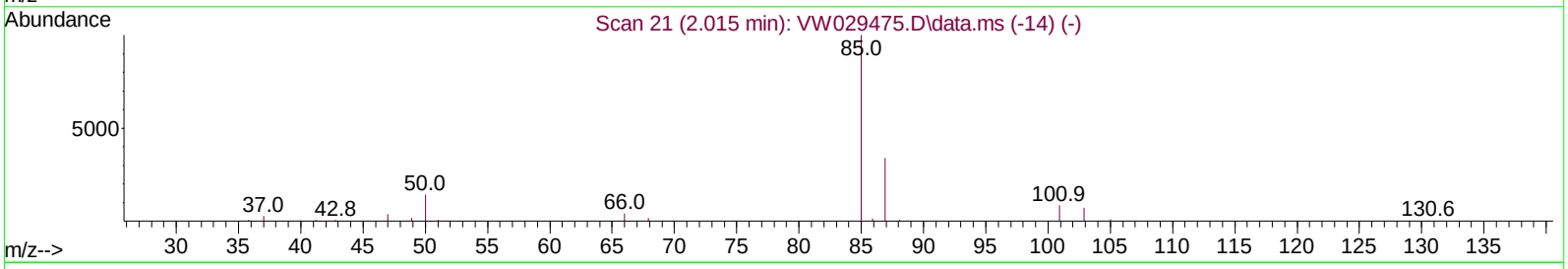
Instrument :
MSVOA_W
ClientSampleId :
VICV457

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
Supervised By :Semsettin Yesilyurt 07/09/2024







TIC: VW029478.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 17.24 ug/L

response 45468

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.60	31.58
0.00	0.00	0.00
0.00	0.00	0.00

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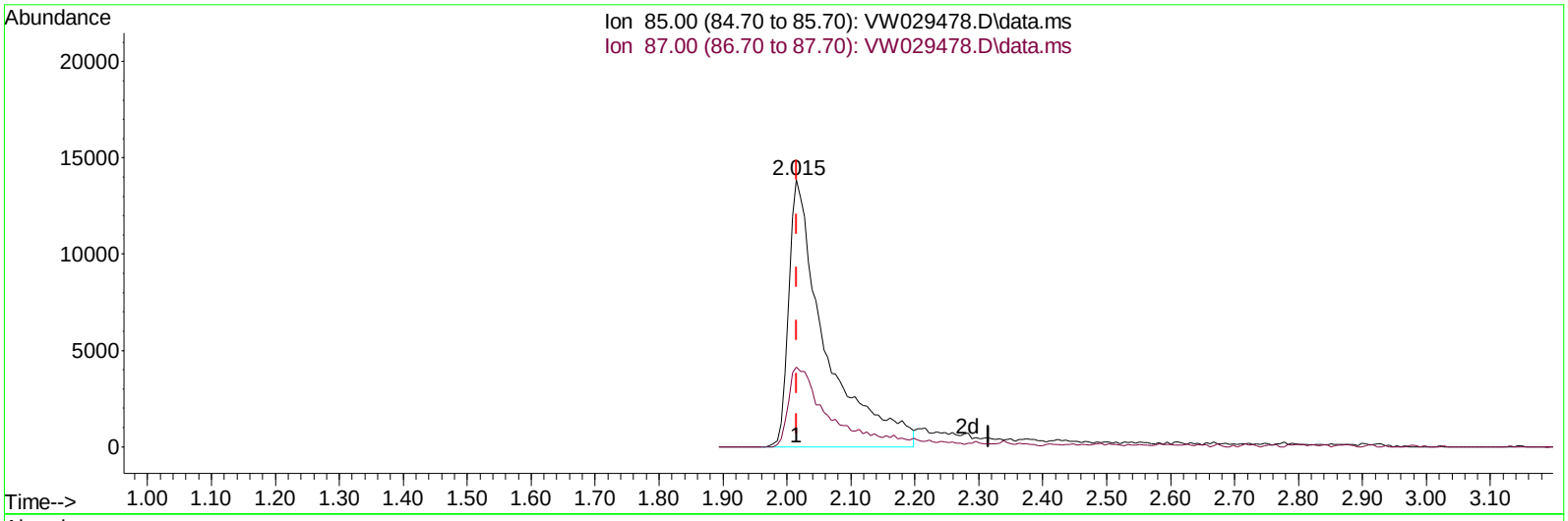

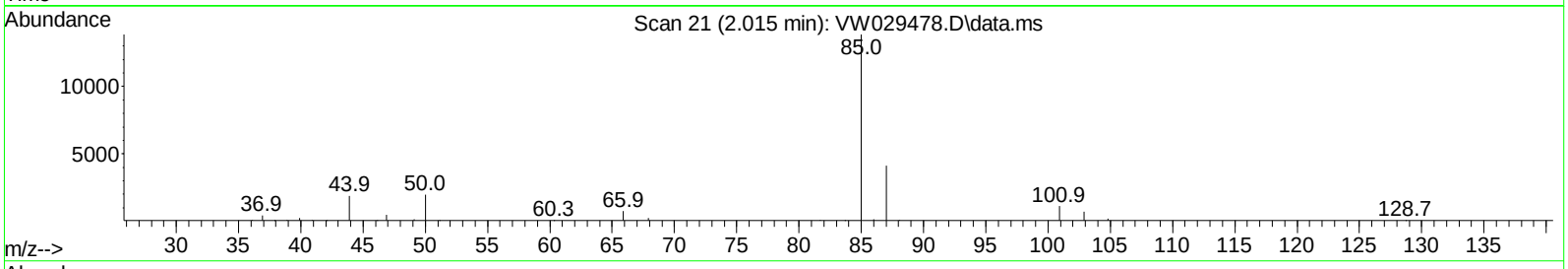

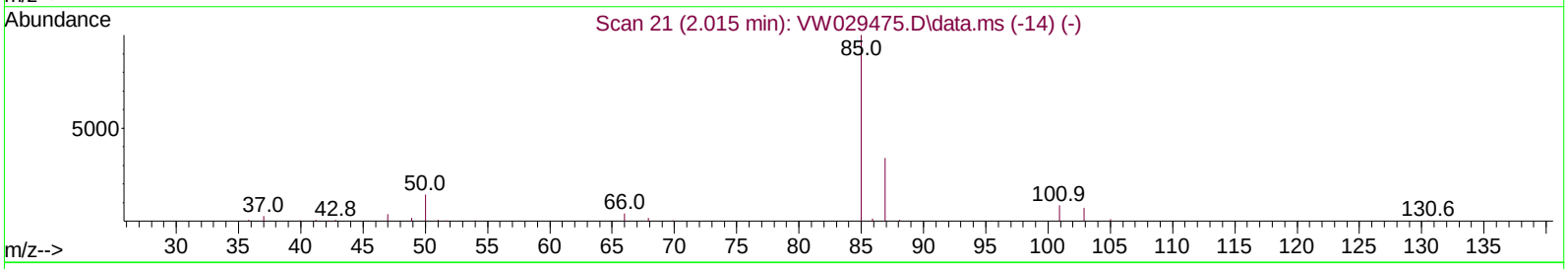

TIC: VW029478.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 20.78 ug/L m

response 54783

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.60	26.21
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : SFAM01.0
QLast Update : Tue Jul 09 02:23:46 2024
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	269292	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	121951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105898	24.343	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.360%			
7) Chloroethane-d5	2.899	69	79284	25.311	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.240%			
11) 1,1-Dichloroethene-d2	4.027	65	49493	25.336	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.360%			
21) 2-Butanone-d5	7.075	46	72279	55.349	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.700%			
24) Chloroform-d	7.648	84	205007	26.333	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.320%			
26) 1,2-Dichloroethane-d4	8.307	65	123858	27.124	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.480%			
32) Benzene-d6	8.276	84	403460	26.025	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.120%			
36) 1,2-Dichloropropane-d6	9.276	67	130192	26.266	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	10.318	98	367131	26.928	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.720%			
43) trans-1,3-Dichloroprop...	10.575	79	55856	26.611	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.440%			
47) 2-Hexanone-d5	10.922	63	53262	59.134	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.260%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112282	27.900	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	118498	27.901	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	54783m	20.775	ug/L	
3) Chloromethane	2.228	50	84330	23.902	ug/L	97
5) Vinyl chloride	2.375	62	90893	22.575	ug/L	95
6) Bromomethane	2.789	94	56162	23.558	ug/L	97
8) Chloroethane	2.930	64	58685	23.687	ug/L	99
9) Trichlorofluoromethane	3.265	101	87081	24.027	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86687	24.304	ug/L	98
12) 1,1-Dichloroethene	4.045	96	81469	24.327	ug/L	83
13) Acetone	4.118	43	77315	58.659	ug/L	99
14) Carbon disulfide	4.399	76	262653	24.150	ug/L	98
15) Methyl Acetate	4.667	43	59057	25.520	ug/L	99
16) Methylene chloride	4.923	84	102066	21.170	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	89160	24.050	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	160752	25.485	ug/L	100
19) 1,1-Dichloroethane	6.222	63	186630	24.513	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	102080	25.180	ug/L	96
22) 2-Butanone	7.167	43	94709	54.734	ug/L	99
23) Bromochloromethane	7.520	128	44258	24.272	ug/L	90

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Supervised By :Semsettin Yesilyurt 07/09/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	7.679	83	182930	24.832 ug/L	99
27) 1,2-Dichloroethane	8.398	62	136957	24.787 ug/L	97
29) Cyclohexane	7.953	56	163880	25.432 ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	142946	24.189 ug/L	99
31) Carbon tetrachloride	8.069	117	129129	23.860 ug/L	100
33) Benzene	8.325	78	394582	24.370 ug/L	100
34) Trichloroethene	9.093	95	101295	23.691 ug/L	95
35) Methylcyclohexane	9.337	83	176586	25.694 ug/L	96
37) 1,2-Dichloropropane	9.367	63	109566	24.471 ug/L	99
38) Bromodichloromethane	9.642	83	133392	24.391 ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	170032	25.284 ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	172203	54.572 ug/L	100
42) Toluene	10.386	91	413133	24.941 ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	146226	25.370 ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	79413	24.662 ug/L	99
46) Tetrachloroethene	10.861	164	74875	24.649 ug/L	93
48) 2-Hexanone	10.965	43	134630	56.791 ug/L	98
49) Dibromochloromethane	11.129	129	83782	25.002 ug/L	91
50) 1,2-Dibromoethane	11.233	107	77130	25.135 ug/L	96
51) Chlorobenzene	11.654	112	258424	24.134 ug/L	98
52) Ethylbenzene	11.727	91	472860	25.197 ug/L	99
53) m,p-Xylene	11.836	106	176243	25.582 ug/L	96
54) o-Xylene	12.160	106	161744	25.383 ug/L	92
55) Styrene	12.178	104	293026	26.153 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	101008	24.868 ug/L	99
59) Bromoform	12.349	173	49885	26.500 ug/L	98
60) Isopropylbenzene	12.458	105	462059	26.928 ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76886	26.051 ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	333508	27.325 ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	371397	27.570 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	191308	24.874 ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	196724	24.967 ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	179294	25.789 ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	18007	25.521 ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	130744	26.058 ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	112173	25.408 ug/L	98
71) Naphthalene	15.360	128	251992	27.194 ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	108146	26.961 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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